

MURESAN, I., Professor; BUCSA, N.; BLINDU, R.; MARTIN, A.

Chief of Clinic: Professor I. Muresan.

Timisoara, Timisoara Medicala, No 1, Jan-Jun 63, pp 33-36

"Biliary Peritonitis."

4

L 64574-65

ACCESSION NR: AP5023483

BU/0012/64/000/006/0977/0982

AUTHOR: Muresan, I. (Professor, Doctor); Bucsa, N. (Doctor); Birzeanu, A. (Doctor); Crisan, G. (Doctor)

TITLE: Treatment of sigmoidal volvulus at the second surgical clinic Timisoara

SOURCE: Revista sanitara militara, no. 6, 1964, 977-982

TOPIC TAGS: gastroenterology, surgery digestive system disease, digestive system

ABSTRACT: The authors present their experience during the past ten years with 23 cases of sigmoidal volvulus. Of these, only one was treated medically and the remaining underwent surgery. Surgical mortality was 4.3%. Treatment of the affliction is not discarded, and is considered especially useful in preparation for radical surgery. This surgery not only cures the affliction, eliminates the pathological cause, and prevents recurrence, but also replaces a series of operations. 5 references, mainly Rumanian.

Card 1/2

I 64574-65

ACCESSION NR: AP5023483

ASSOCIATION: none

SUBMITTED: 00

ENGL: 00

SUB CODE: LS

NR REF Sov: 000

OTHER: 005

JPRS

MJL
Card 2/2

NICOLAU, I.; BURLUI, A.; BOIU, M.; MANESCU, M.; GANE, R.; BALABAN, I.;
BUCSA, V.; CONSTANTINESCU, M.

Contribution to the study of cardiac-pulmonary hemosiderosis in
children. Probl. ter., Bucur. 10 no.3:25-34 '59.

1. Membru corespondent al Academiki R.P.R. (for Nicolau).
(HEMOSIDEROSIS, in inf. & childh.)
(HEART DISEASE, in inf. & childh.)
(LUNG DISEASES, in inf. & childh.)

BUCSAN, Alexandru, ing.; VIESPESCU, Dan, ing.

Tests carried out on a concrete prefabricated beam, divided and
assembled by compression, for highway bridge superstructures.
Rev transport 11 no. 5:207-217 My '64.

BUCSAN, P.
RUMANIA / Analytic Chemistry. Analysis of Inorganic
Substances.

E

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60622.

Author : Th. I. Pirtea, Polly Bucsan.
Inst : "C. J. Parhon" University.
Title : New Method of Microgravimetric Determination of
Cobalt. Separation and Determination of Cobalt
in Presence of Nickel.

Orig Pub: An. Univ. "C. J. Parhon". Ser. stiint. natur.,
1957, No 16, 71-74.

Abstract: The earlier developed method of determination of
Co in the form of the complex $[Co(NH_3)_6][Co(NO_2)_6]$ (RZhKhim, 1958, 24807) was applied to the de-

Card 1/2

BUCSAN, P.; PIRTEA, T.; ANTONESCU, E.

A new method for the gravimetric determination of cobalt in the presence of nickel and other elements. In Russian. p. 139.

REVUE DE CHIMIE. JOURNAL OF CHEMISTRY. (Academia Republicii Populare Romine) Bucuresti, Rumania. Vol. 3, no. 1, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncol.

FORGACS, I., dr.; BUCSINA, O., dr.; VARGHA, L.

The effect of Karion during narcosis in abdominal surgery. Ther.
hung. 9 no.1/2:18-20 '61.

1. Aus der III. Chirurgischen Klinik (Direktor: Prof. Dr. P.Rubanyi)
der Medizinischen Universität, Budapest.
(ANALEPTICS) (ANESTHESIA) (GASTRECTOMY)
(CHOLECYSTECTOMY) (UMBILICAL HERNIA)

HUNGARY

BUCSINA, Dr Oliver, and BITTER, Dr Laszlo, National Traumatological Institute
(Orszagos Traumatologial Intezet) (Director: Prof Dr Gyorgy SZANTO)

"A Rare Case of Giant-Cyst Neurinoma Originating in the Greater Omentum"

Budapest, Magyar Sebeszet, Vol 19, No 5, Oct 66; pp 330-332.

Abstract: A case of large-cyst neurinoma originating in the greater omentum is described. The syndrome caused diagnostic difficulties: it exhibited the clinical symptoms of a malignant tumor and led to a serious deterioration of the patient's condition. Authors state that in cases such as this no diagnostic help may be expected from laparoscopy, and they recommend the performance of an exploratory laparotomy at the earliest possible time.
3 References, all Western.

1/1

HUNGARY

BRANDSTEIN, Laszlo, Dr, BUCSINA, Oliver, Dr, HERCZEG, Tibor, Dr, KUN, Miklos, Dr, LANYI, Ferenc, Dr, LITTMANN, Imre, Dr, MATYUS, Lajos, Dr; Institute of Postgraduate Medical Education, I. and II. Departments of Surgery (Orvos-tovabbkezpo Intezet, I. es II. Sebeszeti Tanszek), Budapest.

"Modern Machine Suture in Operations on the Digestive Tract."

Budapest, Orvosi Hetilap, Vol 107, No 42, 16 Oct 66, pages 1984-1986.

Abstract: [Authors' Hungarian summary] In the authors' opinion, the new Soviet suturing machines represent a great advance in surgery involving the digestive tract. The mode of application of the machines and the experiences in the course of 206 cases involving machine suturing are described and, on the basis of these experiences, the widespread use of these machines is recommended. 2 Russian, 1 Western references.

1/1

- 75 -

CZOTTNER, Sandor; KERTAI, Gyorgy, dr.; DANK, Viktor, dr.; BENCZE, Laszlo;
KASSAI, Lajos; MUSKO, Eva; GALAMBOS, Istvan; NAGY BIRO, Sandor;
TOTH, Janos; NEDEA: Ede; TAKACS, Pal, dr.; SIPOS, Janos; BERECZKY,
Tamas; HALMAY, Jeno; KERESZTES, Matyas, dr.; CORNIDES, Istvan;
BALLA, Sarolta

The 2d Hungarian Conference on Natural Gas. Ipari energia 3
no.10:225-231 O '62.

1. Nehezipari miniszter (for Czottner).

BUCSY, IVAN., JANOS, BODNAR, and SZEPE, ODON.

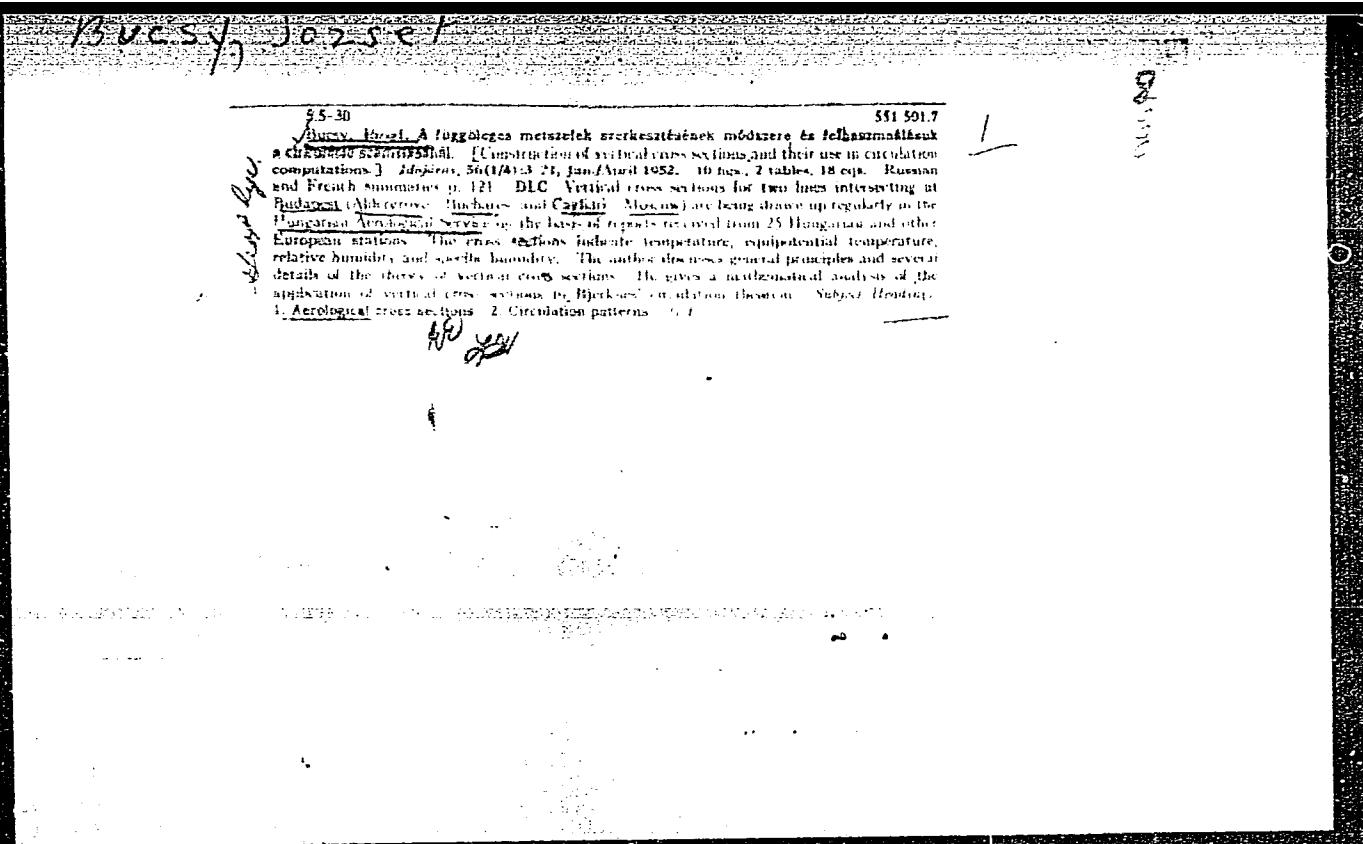
"Biochemical significance od the gold content of dental amalgams," Orvosi Hetilap,
87, pp.15-16, 1943.

NOTE: See card for JANOS BODNAR for abstract.

BUCSY, Ivan, dr. (Budapest, XI., Gellert ter 4); KISS, Istvan (Budapest, I., Csalogany u.12.IV.)

Modeling and comparing the operations of the systems of separators of first and second order. Periodica polytechn chem 8 no.3:163-176 '64.

1. Chair of Chemical Technology of Budapest Technical University. Submitted October 31, 1963.



Bucsy, J.

SE-6
✓ Bucsy, József. Az 1952. évi téli esőpadék időszak magaslegkérő vizsgálata. [Aerological study of the rainfall period, fall 1952.] Beismerlők és 1955-ben rögzített tudományos kutatásokról (issued in Hungary. Országos Meteorológiai Intézet, Hivatalos Kiadványai, Vol. 20, pub. 1955) p. 10-24. 7 figs., 11 refs., eqs. Russian and German summaries p. 11. DWB—Vertical distribution and development over Budapest of upper-air factors such as gradient wind, wind shear, thermal advection, etc., are determined from time sections constructed on the basis of 700 mb and 500/1000 mb charts. The connection of these factors with the occurrence of precipitation in Hungary is analyzed. Gradient winds are also compared with pilot balloon observations (Budapest, Nov. Dec. 1952) and the need for more soundings extending to high altitudes is stressed. Subject Headings 1. Rainfall forecasting 2. Upper air analysis 3. Budapest, Hungary.—G.T.

2
1-4E4aEE
MT

EUCSY, Jozsef

Comparison of wind measurements performed by optical methods and
radiotheodolites. Orsz meteor int besz tud kut 26:13-23 '62
(publ.'63).

BUGSY, Laszlo

Current problems relating to our experimental station for
ship hauling. Jarmu mezo gep 9 no.9:349-358 S '62.

1. Vizsgadalkodasi Tudomanyos Kutato Intezet tudomanyos
munkatarsa, es Magyar Hajo- es Derugyar szervezoje.

BUCSY, Laszlo, tudomanyos munkatars

Hydrofoil ships in the service of transportation. Jarmu mezo
ges 10 no.12:459-470 D '63.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet; Magyar Hajoo-
es Darugyar szervezoje.

BUCUR, A.

DIMITRIU, G.C., Prof.; ROSCA, T., dr.; RADULESCU, E., dr.;
FAGARASANU, I., Prof.; BIRZU, I., dr.; BUCUR, A., dr.

Pre- and post-operative intravenous cholangiocholecystography,
cholangiography and radiomanometry. Med.int., Bucur. 8 no.5:
650-660 Sept 56.

1. Clinica medicala si Clinica chirurgicala a Spitalului
Carol Davila.

(CHOLANGIOGRAPHY

preoperative & postop. intravenous cholangiocystography,
indic., compl. & comparison with cholangiography &
radiomanometry)

(MANOMETER

radiomanometry in biliary tract surg., diag. value)

RUMANIA/Human and Animal Physiology (Normal and Pathological).
Blood Circulation. Blood Vessels. T-5

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50860
Author : Fagarasanu, I., Bucur, A., Pretorian, R., Aloman, D.,
Popescu, Gh.
Inst : -
Title : Acute Thromboembolism and Chronic Thromboses in Aorta
Bifurcation.
Orig Pub : Chirurgia, 1957, 6, No 3, 351-364.
Abstract : No abstract.

Card 1/1

- 56 -

BULIGESCU, L., dr.; NICULESCU, Gh. conf.; POPESCU, M., dr.; BUGUR, A., dr.; SUCIU, Dan, dr.; LAZARESCU, L., dr.

Choledocholithiasis. Med. int., Bucur. 11 no. 11:1731-1738 N '59.

1. Incrare efectuata in Spitalul "Carol Davila", Bucuresti.
(CHOLEDOCHOLITHIASIS, diagnosis)
(CHOLANGIOGRAPHY)

CIORANESCU, Ecaterina; ~~BUCUR, Aurora~~; ELIAN, M.; BANCIU, M.; VOICU, M.;
NENITZESCU, D. D. [Nenitescu, C.D.]

Carbonium ion reactions. Pt. 3. Rev chimie Cluj 10 no.2:161-174
F '65.

1. Institute of Organic Chemistry of the Rumanian Academy,
Bucharest. Submitted November 17, 1964.

CIORANESCU Ecaterina; BUCUR, Aurora; ELIAN, M.; BANCIU, M.; VOICU, M.;
NENITESCU, S.D.

Carbonium ion reactions. Pt. 3. Studii cerc chim 14 no.2:147-159
F '65.

1. Institute of Organic Chemistry, Rumanian Academy, Bucharest.
Submitted November 17, 1964.

CIORANESCU, Ecaterina; BUCUR, Aurora; BANGIU, M.; NENITESCU, C.D.

~~Chromium ion reactions. Pt. 1. Studii cerc chim 14 no.2:127-134.~~
~~F 65.~~

1. Institute of Organic Chemistry, Rumanian Academy, Bucharest.
Submitted November 17, 1964.

BUCUR, A.; CIOVIRNACHE, A.

Allergic rhinitis in patients with hypothyroidism. Stud. cercet.
endocr. 15 no.2:179-181 '64.

CIORANESCU, Ecaterina; BUCUR, Aurora; MAXIM, Maria; NENITESCU, C.D., acad.

A new method in separating thiourea from ammonium thiocyanide. Studii
cerc chim 8 no.1:67-71 '60. (EEAI 9:8)

1. Centrul de cercetari chimice al Academiei R.P.R., Sectia chimie
organica, Bucuresti. 2. Comitetul de redactie, Studii si cercetari
de chimie (for Cioranescu). 3. Redactor responsabil, Studii si
cercetari de chimie (for Nenitescu).

(Thiourea) (Ammonium thiocyanate)
(Carbon tetrachloride)

BUCUR, A.

CHIORENESKU, Ekaterina [Cioranescu, Ecaterina]; ~~BUKUR Aurora~~ [Bucur, Aurora];
MAKSIM, Mariya [Maxim, Maria]; NENITSESKU, K.D. [Nenitescu, C.D.], acad.

A new method of separating thiourea from ammonium thiocyanate. Rev
chimie 5 no.2:223-226 '60.
(EEAI 10:4)

1. TSentr khimicheskikh issledovaniy Akademii RNR, Otdel organicheskoy
khimii, Bukharest. 2. Akademiya nauk RNR, chlen Akademii nauk RNR,
Comite de redaction, Revue de chimie, membre de l'Academie de la
Republique Populaire Roumaine, redacteur de chef (for Nenitescu)
(Thiourea) (Ammonium thiocyanate)

CIORANESCU, Ecaterina; BUCUR, Aurora; BANGIU, M.; NENITESCU, C. D.
[Nenitescu, C.D.]

Carbonium ion reactions. Pt. 1. Rev chimie Roum 10 no.2:1/1-148
F '65.

1. Institute of Organic Chemistry of the Rumanian Academy,
Bucharest. Submitted November 17, 1964.

CIORANESCU, Ecaterina; BUCUR, Andreea; ELIAN, M.; NENITESCU, C. D.
[Nenitescu, C.D.]

Carbonium ion reactions. Pt. 2. Rev chimie Roum 10 no.2:149-159
F '65.

1. Institute of Organic Chemistry of the Rumanian Academy,
Bucharest. Submitted November 17, 1964.

CIORANESCU, Ecaterina; BUCUR, Aurora; ELIAN, M.; NENITESCU, C.D.

Carbonium ion reactions. Pt.2. Studii cerc chim 14 no.2:
135-145 F '65.

1. Institute of Organic Chemistry, Rumanian Academy,
Bucharest. Submitted November 17, 1964.

BUCUR, A.

SURNAME (in caps); Given Names

Country: Rumania

2

Academic Degrees:

Affiliation:

Source: Bucharest, Stiinta si Tehnica, No 6, Jun 1961, pp 38-39.

Data: "Artificial Arteries."

Authors:

FAGARASANU, I., -Prof. Dr.-, Corresponding Member of the Rumanian Academy (Membru Corespondent al Academiei RPR).

BUCUR, A., -Dr.-

RUMANIA/Chemical Technology, Chemical Products and Their Application, Part 1.- Processes and Apparatus of Chemical Technology.

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32824.

Author: Simon Savencu, Tiberiu Golgotiu, Angela Luca, Julieta Linde, Ana Bucur, Iancu Hincu.

Inst: Jassi Polytechnic Institute.

Title: Corrosive Properties of Some Soils in Moldavia.

Orig Pub: Bul. Inst. politehn. Iasi, 1956, 2, No 3-4 101-104.

Abstract: A comparative characteristic of aggressivity of various soils in the Jassi region with reference to steel, cast iron and lead is presented. The electrochemical measurements showed that the corrosion is exclusively of an electrochemical character under the experiment conditions. The least corrosion was observed in the case of lead. The aggressivity of soils covered with forest is less than that of saline soils.

BOTA,T.; BUCUR,C.; DRIMUS,I.; STANESCU,L.; SANDULESCU,D.

A catalyzed Diel-Alder reaction. Rev. chimie Min. petr. 12
no.8:503 Ag'61.

L.Institutul de cercetari chimice.

BUCUR, C.
SURNAME, Given Name

(5)

Country: Rumania

Academic Degrees: [not given]

Affiliation: Chemical Research Institute (Institutul de Cercetari Chimice).

Source: Bucharest, Revista de Chimie, Vol 12, No 8, Aug 1961, pp 503.

Data: "A Catalyzed Diels-Alder Reaction."

Authors:

ROTA, T.

BUCUR, C.

DRIMUS, I.

STANESCU, L.

SANDUIESCU, D.

CPD 932643

SUDAN, G.; BUCUR, C. (Bucuresti)

Observations on two arithmetical theorems. Bull math Rum 6 no.3/4:
235-238 '62 [publ. '64].

1. Submitted January 16, 1964.

SUDAN, G.; BUCUR, C.D.

On the approximation of linear ternary forms. Bul Inst.
Politeh 25 no.4:13-17 Jl-Ag '63.

1. Department of Mathematics, Bucharest Polytechnic Institute.

GOLDSTEIN, I.; KAHAN, A.; COTARECIA, S.; RAZVAN, B.; JUSTER, A.; SOLOMON, E.;
BUCUR, D.; WEISER, G.; ROSIANU, C.; GROZA, M.; ALDEA, B.

Prevention of rheumatic diseases in school-age children. Probl.
reumat., Bucur. 4:221-232 1956.

(RHEUMATISM, in inf. & child
prev. in school chold. in Rumania)
(RHEUMATIC HEART DISEASE, in inf. & child
prev. in school child. in Rumania)

RUMANIA/Chemical Technology. Chemical Products and Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28391.

Author : Bucur, D. and Oana, M.

Inst :

Title : Utilization of Calcium Carbonate Wastes as Fillers for Asphalt Road Paving Mixtures.

Orig Pub: Rev Transp, 5, No 5, 207-209 (1958) (in Rumanian with German, English, French, and Russian summaries)

Abstract: The results from laboratory experiments on the utilization of CaCO_3 wastes from caustic soda production from Na_2CO_3 and $\text{Ca}(\text{OH})_2$ as filler for asphalt road paving mixtures are reported. Tests on the mechanical and physical properties of the mixtures obtained

Card : 1/2

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RUMINL/Chemical Technology. Chemical Products and Their
Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28391.

have shown that CaCO_3 wastes can be used in the preparation of satisfactory asphalt compositions. One of the disadvantages of the scheme is the high water content of the wastes (30%) as a result of which a preliminary drying of the waste is necessary. The drying can be economically justified only when cheap fuels are available. -- Ya. V. Matlis.

Card : 2/2

Rumania/Diseases of Plants. Diseases of Cultivated Plants 0-2

Abs Jour : Ref Zhur-Biol., No 2, 1958, 6458

Author : Bucur E., Vanký K.

Inst : Not given

Title : Study of Vascular Bacteriosis of Cabbage (Xanthomonas campestris Pammel Doss).

Orig Pub : Comun. Acad. RPR, 1956, 6, No 9, 1111-1115

Abstract : Investigations were conducted of the ways by which bacteria penetrate into plants and the duration of the incubation period in the development of the disease.

Card 1/1

COUNTRY	:	RUMANIA
CATEGORY	:	Cultivated Plants - Potatoes, Vegetables, Cucurbits. M
ORIG. PUBL.	:	NMBiol., No.12, 1958, No.63399
AUTHOR	:	<u>Dacur, M.</u> , Grinias, R.
INST.	:	-
TITLE	:	Methods of Storing Potatoes.
ORIG. PUB.	:	Gradina, via si liveda, 1957, 6, No. 12, 16-19
ABSTRACT	:	No abstract

Card: 1/1

BUCUR, E.

Contributions to the study of the hardening of the potato tubercles while exposed to light. p. 63

STUDDI SI CERCETARI DE BIOLOGIE. SRIA BIOLOGIE VEGETALA. Bucuresti,
Rumania Vol. 11, no. 1, 1959

Monthly list of East European Acessions (EEAI) LC, Vol. 9, no. 2, Feb. 19~~60~~

Uncl.

BUCUR, Elena; CONSTANTINESCU, V.

Onion mildew and fight against it. Comunicarile AR 11 no.5:599-
604 My '61.

1. Comunicare prezentata de Alice Savulescu, membru corespondent al
Academiei R.P.R.

BUCUR, Elean; LAZAR, I.

Studies on the tomatoes infected by the bacterium Corynebacterium
michiganense (E. F. Smith) Jensen. Comunicarile AR 12 no.1:129-135
Ja '62

1. Comunicare prezentata de Alice Savulescu, membru corespondent al
Academiei R.P.R.

BUCUR, Elena

A method of marking phytopathogenic bacteria with radioactive isotopes.
Studii cerc biol veget 14 no. 1:43-46 '62.

1. Comunicare prezentata de Alice Savulescu, membru corespondent al Academiei R.P.R.

BUCUR, Elena (Bucuresti); LAZAR, Ion (Bucuresti)

Bacteriosis of the mulberry tree and its control. Natura
Geografie 12 no. 6:74-79 N-D '60.

BUCUR, Elena; PLOAIE, P.G.

Biological and morphologic research on the bacteriophage of
the Xanthomonas pruni (E.F.Smith) Dows bacteria. Studii
cerc biol s. bot 16 no. 3:243-247 '64.

1. Laboratory of Phytopathology and Microbiology, "Traian
Savulescu" Institute of Biology.

LAZAR, Io.; BUCUR, Elena

Contributions to the study of the blacking of the stem
bases and the humid rot of potato tubers in Rumania. Studii
cerc biol s. bot 16 no.5:453-465 '64.

I. Laboratory of Phytopathology, "Traian Savulescu"
Institute of Biology.

POLIZU, Al.; ZAHARIADI, C.; BONTEA, Vera; MARCHES, C.; BUCUR, Elena

Investigations on the biological action of some thiourea derivatives. Studii cerc biol s. bot 17 no.1:93-100 '64.

1. Laboratory of Insectifungicides and Toxicology, "Traian Savulescu" Institute of Biology. Submitted March 24, 1964.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307220006-1

GAVAT, I.; BUCUR, Evghenia; DINULESCU, Mioara; ANTONESCU, P.

Some anticorrosive protections obtained from sulfochlorinated polyethylene. Rev chimie Min petr 15 no.2:101-106 F '64.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307220006-1"

On a Class of Functional Transformations

1970:

Bucur, Fl. Sur une classe de transformations fonctionnelles. Bull. Inst. Politehn. Bucuresti 18 (1956), no. 3-4,

129-131. (Romanian. Russian and French summaries)

Let E and F be two Banach spaces and f a linear transformation from E to F . The following two theorems are proved. 1. If f is completely continuous then it is continuous when E has the weak topology and F the norm topology. 2. If f is continuous in the above sense and E is reflexive then f is completely continuous. Both proofs are straightforward. S. Foguel (Berkeley, Calif.)

2
1. 5/11

14

BUCUR, Georgeta

Frequency of strong and sudden cooling and heating in Rumania.
Meteorologia hidrol gosp 5 no.4; 305-309 '60.

TIEGERMANN, T., dr.; DANCIUIESCU, I., dr.; BUCUR, Gh., intern; LANDMAN, S.,
extern

Considerations on the vascular hypertensive syndrome in chronic
pyelonephritis. Med. intern., Bucur 12 no.11:1671-1676 N '60.

1. Lucrare efectuata in Clinica medicala a Spitalului "I.C. Frimu",
I.M.F. Bucuresti.
(PYELONEPHRITIS complications) (HYPERTENSION)

TIEGERMANN,T.,dr.; DANGIULESCU,I.,dr.; BUCUR,Gh.,intern; LANDMAS,S.,extern

Some clinicostatistical data concerning the etiology of kidney diseases. Med. int.,Bucur. 12 no.1:43-48 Ja '60.

1. Incrare efectuata in Clinica medicala a Spitalului "I.C. Frimu", Bucuresti.
(KIDNEY DISEASES, etiology)

GALEA, Gh., conf.; BUCUR, Gh., dr.; PETRESCU, R., dr.; IAMANDI, I., dr.;
LAZAR, L., dr.; POPESCU, A., chim.

Changes in some serum lipids in chronic hepatitis and in hepatic
cirrhosis. Med. intern. 15 no.6:679-685 Je '63.

1. Lucrare efectuata in Clinica medicala, Spitalul "Brincovenesc".
(HEPATITIS) (LIVER CIRRHOSIS)
(BLOOD LIPIDS) (BLOOD CHOLESTEROL)
(LIPOPROTEINS) (BLOOD PROTEIN ELECTROPHORESIS)

CRISTODOR, Eugen; BUCUR, Georgeta

The aerosynoptic conditions which determine sudden and massive coolings and warmings in Rumania. Meteorologia hidrol gosp 6 no.4:286-302 '61.

RUMANIA

GALEA, Gh., Conf.; PASCU, Th., Dr; PRODESCU, V., Dr; BUCUR, Gh., Dr.

Medical and Surgical Clinic at "Brincovenesc" Hospital
(Clinica medicala si chirurgicala a Spitalului
"Brincovenesc") - (For all).

Bucharest, Viața Medicală, No 13, 1 Jul 63, pp 893-896

"Thrombosis of the Axillary Vein."

(4)

DEMAYO, A., dr.; IAMANDI, I. dr.; BUCUR, Gh.dr.

Research on the diagnostic value of the urethane-gel test.
Med. intern. (Bucur.) 16 no.78859-862 Jl '64.

1. Lucrare efectuata in Clinica medicala a Spitalului
"Brincovenesc" (director: prof. R. Braunner).

BUCUR, Gheorghe

How we improve our activity. Constr Buc 15 no.697:2 18 My '63.

1. Fabrica de caramizi din Roman.

BUCUR, I.

Geologic note on the limestone westward of Meresti. Petrol si gaze 15
no.2:54-55 F '64.

BUCUR, I.; LASCU, Al.

The Segre classes of a differentiable variety. Rev math pures 4
no.4:661-664 '59.
(EEAI 10:9)

(Geometry, Algebraic) (Dimensional analysis)
(Topology) (Groups, Theory of)
(Calculus, Differential)

BUCUR, I.

On the Chern and the Todd classes of a projective algebraic variety.
Rev math pures 5 no.2:363-366 '60. (EEAI 10:9)

(Spaces, Generalized) (Groups, Theory of)
(Fields, Algebraic) (Vector analysis)

BUCUR, I.; LASCU, Al.

The characteristic classes and the canonical classes of an algebraic
manifold. Rev math pures 5 no.2:457-462 '60.

(HEAI 10:9)

(Aggregates) (Fields, Algebraic)
(Spaces, Generalized)

BUCUR, I.; LASCU, Al.

The characteristic classes and the canonical classes of an algebraic
manifold. Studii cerc mat 11 no.1:175-181 '60.
(EEAI 10:9)

(Fields, Algebraic) (Groups, Theory of)
(Spaces, Generalized) (Numbers, Theory of)

BUCUR, I.; COSTEA, I.

On the breccias in the Oligocene of the Cason Basin,
Tirgu Secuesc. Petrol si gaze 15 no.5;215-218 My'64.

Bucur, I. Sur une propriété globale des lignes géodésiques
d'un espace de Finsler. Com. Acad. R P Romne 5
(1955), 965-968. (Romanian Russian and French
summaries.)

The author extends to compact Finsler spaces the
theorem of Serré that between any two points of a com-
pact Riemannian manifold there pass an infinite number
of geodesics.

/// M. Danskin (Princeton, N.J.)

4
1-FW

BUCUR, I.

A new demonstration of duality formulas of the Chern classes. In French. p. 419.

REVUE DE MATHEMATIQUES PURES ET APPLIQUEES. JOURNAL OF PURE AND APPLIED MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti. Rumania. Vol. 2, 1957.

Monthly List of East European Accessions (EEAL) LC. Vol. 9, no. 1, January 1960.
UNCL

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Technological flux and transportation during work in repair shops.

P. 460 (REVISTA CAILOR FERATE) (Bucuresti, Rumania) Vol. 5, no. 9, Sept. 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

BUCUR, I.

On the characteristic classes of spherical fibrous structures. In French. p. 225.

REVUE DE MATHÉMATIQUES PURÉS ET APPLIQUÉES. JOURNAL OF PURE AND APPLIED MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti. Rumania. Vol. 3, no. 2, 1958.

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On an extension of a theorem of Wu. In French. p. 427.

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MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti, Rumania.
Vol. 3, no. 3, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

ATANASIU, G.; NESTIANU, T.; BUCUR, Il.; ZUGRAVESCU, D.

Regional magnetic researches in northwestern Transylvania. Note 5-a.
The 1957 campaign. Studii cer.fiz. 10 no.4:643-649 '59.

(MEAI 9:5)

l. Membru corespondent al Academiei Republicii Populare Romine
(for Atanasiu).

(Transylvania--Magnetism, Terrestrial)

BUCUR, I.

Production along technological lines and by groups of machine tools functioning in cycles. p. 310 .

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriel Metalurgice si Constructiilor de Masini si A sociatia Stientifi ca si Inginerilor si Tehnicienilor din Romania.) Bucuresti, Rumania ; Vol .II, no. 4, A pr. 1959

Monthly List of East European Accessions (EEA I) LC Vol. 8, No. 9, ^{Sept.} 1959

Uncl.

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D289/D304

AUTHOR: Bucur, Ion, N., Engineer

TITLE: Progress is possible in the chipping of metals by tools subjected to ultrasonic oscillations.

PERIODICAL: Metalurgia si constructia de masini, no. 12, 1960,
1,127 - 1,131

TEXT: The article deals with cutting tools, whose cutting edges were subjected to ultrasonic oscillations to increase the productivity of machine tools. Vibrations produced during the chipping processes were already studied with regard to the quality of the machined surfaces and the wear of tools. Soviet researcher D. T. Vasilev tried to establish by calculations the effect of vibrations on the wear of tools, in connection with the variation of the real machining speed (Ref. 1: "Vibratiile masinilor - unelte in timpul aschierii metalelor" (Vibrations of Machine Tools During the Machining of Metals), (A collection

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Progress is possible...

of papers), translated from Russian into Rumanian, IDT, 1957). According to D.T. Vasilev, the oscillation's frequency should be included between the limits:

$$0 < f < \frac{2.564 \cdot v_o}{A} \quad (13)$$

in which f is the oscillation's frequency in cps, v_o the cutting speed in m/min, and A the oscillation's amplitude in mm. If A is high, the tool is long and the cutting edge's wear is accentuated, whereas in the case that A is low, the tool is short and the wear is low. Thus, the wear is produced by a wide-limit variation of the real machining speed. The greatest wear of the tools, however, is due to the variations in machining temperature which produced important modifications in the physical-mechanical characteristics of the material of cutting tools. Thus,

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the wear of the tools is unimportant as long as the tools are subjected to high-frequency and low-amplitude vibrations, unless the vibrations do not exceed the frequency limits of sonic oscillations. In the case of ultrasonic vibrations with a minimum frequency of 20,000 cps, the variation of the real machining speed is negligible and cannot be the cause of the tool's wear. The author then examines the structure of carbon iron alloys with regard to their machining possibilities. The main steels are under-eutectoide mixtures consisting of ledeburitic eutectic and of primary formation of austenite and cementite. Recent investigations have proved that the internal crystalline structure of the granules has no ideal shape and presents a great number of deficiencies. Working out the theory of the plasticity of metals, the Soviet scientist I. I. Frenkel (Ref. 2: Introducere in teoria metalelor, (Introduction into the Theory of Metals), Translation from Russian into Rumanian, Editura Tehnica, 1953) came to the following conclusions: Using a tool, whose edge was subjected to ultrasonic oscillations, there ap-

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pears the zone of plastic deformations. Thus, the machining resistance of the material is the resistance which corresponds to the creeping limit of the material. The use of tools subjected to ultrasonic vibrations has led to a reduction in machining force and machining power by approx. 50%. According to State standards the creeping limit of the steel ranges between 45 and 70%. The main machining force may be calculated by:

$$F_z = \sigma_r \frac{m}{\log v} \cdot q^{\frac{m-1}{m}}, \text{ kgf} \quad (15)$$

in which σ_r is the resistance to rupture of the machined material in kgf/sq mm, v the machining speed in m/min, m the constant with the characteristics of a polytropic exponent of the machined material and q the section of the chip in sq mm. Re-

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Progress is possible...

placing in (15) the resistance to rupture by the creeping limit, it can be established that the main force, and/or the machining power drops to 45 - 70% of the value resulting in the case of a machining under standard conditions. Machining with tools, whose edge was subjected to ultrasonic oscillations should be accomplished with a high feeding value and average cutting depths. Ultrasonic oscillations may be produced by the phenomenon of magneto-striction, if there is an a-c electric source with a frequency f_0 20,000 - 50,000 cps, and an intensity of several amp. The quality of surfaces machined by tools subjected to ultrasonic oscillations varies in the field of microgeometric deviations, characterized by the ratio:

$$\frac{L}{H} = 10 - 50 \quad (18)$$

in which L is the pitch between the irregularities and H the

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height of the irregularities. These investigations showed that it is possible to increase productivity of machining processes by using tools whose cutting edges were subjected to ultrasonic oscillations. By reducing the amplitude of the vibrations, the wear of the tools can be reduced, even in case of high frequencies. The machining process is accomplished by the creeping of the granules of machined carbon-iron alloy, whereas the machining power is reduced by an average 50%. There are 2 figures and 7 Soviet-bloc references.

Card 6/6

BUCUR, I.

"Higher algebra" by Alexandru Froda. Reviewed by I. Bucur. Rev math
pures 6 no.2:396-397 '61.

BUCUR, I.

On a class of differentiable manifolds. Rev math pures 6
no.4:629-~~632~~ '61.

BUKUR, I. [Bucur, I.]

"The class bodies of complex multiplications" by M. Deuring.
Vols. 1-2. Reviewed by I. Bukur. Rev math pures 8 no. 3: 520-521
'63.

BUCUR, I.

"Outlines of Algebra" by Lugowski-Weinert. Vols. 1-3.
Reviewed by I. Bucur. Rev math pures 7 no. 4:731-732
'62.

BUCUR, I.

"An introduction to homological algebra" by D. H.
Northcott. Reviewed by I. Bucur. Rev math pures 7
no. 4:732-733 '62.

BUCUR, Ion, ing.

Group technology used for automobile repairs. Rev transport 11
no.7:289-296 Jl '64.

BUCUR, I.

Defined functions on the spectrum of a category and the decomposition theories. Rev math Roum 9 no.63583-588 '64

STEMER, D., prof. (Galati); STAN, D., prof. (Breaza); IONESCU-TIU, C.;
ALBESCU, I., prof. (Fagaras); BUCUR, Ioan, prof. (Sibiu)

Exercises and problems proposed for grades 5-8. Gaz mat B 15
no.8:369-371 Ag '64.

L 41541-65

ACCESSION NR: AP5012415

RU/0003/64/015/009/0575/0575

12
B

AUTHOR: Florea, V.; Aiteanu, E.; Medianu, M.; Bucur, I.

TITLE: Contributions to the methodology of the physical-chemical control of spiramycin

SOURCE: Revista de chimie, v. 15, no. 9, 1964, 575

TOPIC TAGS: antibiotic, chromatographic analysis, pharmacology

Abstract: The authors developed a paper-chromatographic method for the identification of spiramycin either alone or in mixtures as well as of the pharmaceutical forms of spiramycin. They also present a method for the determination of spiramycin in non-aqueous medium which allows the quantitative determination of spiramycin sulfate as well as of the active substance in tablets.
Orig. art. has 1 formula and 2 tables.

ASSOCIATION: none

ENCL: 00

SUB CODE: LS, GC

SUBMITTED: 00

OTHER: 007

JPRS

NO REF Sov: 000

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BUCUR, I.

On a problem proposed by Buchsbaum, Rev math Roum 10 no.1:65-68
'65.

J. Institute of Mathematics of the Rumanian Academy, Bucharest.
Submitted June 1, 1964.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307220006-1

BUCUR, L.L., ing.

Corrugated cardboard, a mass paper product. Cel hirtie 13 no.5/6:
207-215 My-Je'64

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307220006-1"

GOLDSTEIN, I.; KAHAN, A.; COTARCEA, S.; SEGALL, A.; BUCUR, M.;
ROSIANU, C.; SOLOMON, E.; WEISER, C.; GROZA, M.; STRUTENSCHI, T.

Problem of early diagnosis in rheumatic diseases; changes in
the leukogram and V.S.H. after intradermal injection of
streptococccic antigen. Probl. reumat., Bucur. 4:213-220 1956.

(RHEUMATISM, diagnosis
early diag., intradermal test with streptoc. antigen)
(LEUKOCYTE COUNT, in various dis.
rheum. dis., eff. of inject. of streptoc. antigen, diag.
value of determ.)
(ANTIGENS
streptoc. antigen. inject. in early diag. of rheum.
dis., mechanism of action)

BUCUR, MARIA

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Farmacia, Vol IX, No 10, Oct 1961, pp 681-683.

Data: "Marketing Possibilities of Red Pepper Oil (Oleum capsici e seminibus)."

Authors:

CSEDÓ, C., -Pharmacist.-
BUCUR, Maria, -Pharmacist..-
FUZI, I., -Pharmacist.-

RUMANIA/Cultivated Plants - General Problems.

M

Abs Jour : Ref Ziar Biol., No 18, 1958, 82241

Author : Bucur, N., Dobrescu, C., Lisadru, G., Tescu, C., Afusoaie,
D., Dumbrava, I.

Inst : Iasi Affiliate AS RPR

Title : Salt Tolerance of Plants Grown on Non-Irrigated Saline
Soil of Juia-Behlui Depression in the Year 1955.

Orig Pub : Studii si cercetari stiint. Acad. RPR Fil. Iasi. Biol.
si stiinte agric., 1956, 7, No 1, 129-152

Abstract : Salt tolerance was studied in 12 species of agricultural
plants which are cultivated on the saline lowland soil
of Juia-Behlui (Rumanian People's Republic) under the
conditions of 1955, noted for its moist and cold summer
to fall period. The salt tolerance was determined by

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RUMANIA/Cultivated Plants - General Problems.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82241

Bucur's method, based on establishing changes in the vegetative mass in relation to soil salinity changes. Winter wheat, sugar beets and sunflowers proved to be most tolerant to salinization, while alfalfa, barley, corn, rye and particularly flax and clover were less tolerant. The author divides the salinized soil of Juia-Bahlei depression into the following four groups: 1) soils where salinization begins at the soil surfaces (the cultivation of agricultural plants is limited); 2) soils where salinization starts at a depth of 15-25 cm and deeper (grains and tilled crops can be grown in rainy years); 3) soils with salinization beginning at a depth of 30-40 cm and further down (tilled and several fodder crops can be grown); 4) soils with salinization starting at 50-70 cm deep and further down (unsuitable only for fruit trees). -- P.I. Lopushanskiy

Card 2/2

SECRET

GOIA, I.; MOGA, A.; HARAGUS, S.; PERIAN, S.; BUCUR, N.

Vascular disorders in rheumatic diseases; clinical study.
Probl. reumat., Bucur. 4:27-44 1956.

(RHEUMATISM, complications
 vasc. disord., pathogen. & ther.)
(THROMBOANGITIS OBLITERANS, etiol. & pathogen.
 rheum. dis.)
(PERIARTERITIS NODOSA, etiol. & pathogen.
 rheum. dis.)
(CORONARY DISEASE, etiol. & pathogen.
 rheum. dis.)

BUCUR, N.,; CRACIU, Tr.,; POPESCU, C.

Abdominal pseudo-surgical forms of rheumatism. Probl. reumat.,
Bucur. Vol. II.:259-268 1954.

(RHEUMATISM, manifest.

abdom., pseudo-surg. disord., ther., sodium salicylate)
(ABDOMEN, dis.

pseudo-surg. forms of rheum., ther., sodium
salicylate)

(SALICYLATES, ther. use
sodium salicylate, in abdom. pseudo-surg. forms of
rheum.)

BUCUR, N.

BRUMES, R., Prof.; JACK, H., Dr.; ANGHEBESCU, H., Dr.; NICOLAU, V., Dr.;
SPALDE, M., Dr.; AUDIMIO-CICULESCU, M., Dr.; RADUȚEANU, I., Dr.;
SINU, Ioan, Dr.; PASCU, T., Dr.; BUCUR, N., Dr.; BĂLĂRAB, A., Dr.

Studies of acute diseases of the lung. Med. int., Bucur, "no.5":
685-699 May 57.

1. Clinical medical at Spitalului Brâncovenesc, director prof. dr. Brumă și dr. A. Berevici, dr. D. Sarateanu. (Institutul de medicina viricologică al Academiei R. P. R., director: acad. St. S. Nicolau)

(PNEUMONIA, PRIMARY ATYFICAL
pathol. & diag.)

(RICKETTSIAL DISEASES
pneumonia, pathol. & diag.)

BUCUR, Narcis; PAPILIAN, VICTOR, V.

Notes on diagnosis of rheumatic disease; value of musculo-cutaneous biopsy; preliminary conclusions. Probl. reumat., Bucur. no.5:131-133 1958.

1. Clinica medicala II si Prosectura spitalului clinic de adulti nr. 2, Cluj.

(RHEUMATISM, diagnosis
muscle-cutaneous biopsy in various rheum. dis., diag. value)
(MUSCLES, pathology
biopsy, musculo-cutaneous, in diag. of rheum. dis., value)

BRAUNER, R.; SORIN, E.; DEMAYO, A.; BUCUR, N.; BASARAB, A.

Studies of heparin intradermoreaction. Med. int., Bucur. 10 no.4:
547-554 Apr 58.

1. Clinica medicala a Spitalului "Brincovenesc"

(HEPARIN

sensitivity & intolerance of histamine type, intradermoreactions
during & after heparin ther.)

(SKIN

reaction to heparin, alone & with histamine, intradermoreactions
during & after heparin ther.)

BRAUNER,R.; GALEA,Gh.; NICOLAESCU,T.; MINCU,B.; PASCU,T.; BUCUR,N.; MIINEA,
I.; ENACHE,M.; POPESCU,Ana

Considerations on the sequelae of epidemic hepatitis. Probl. ter.,
Bucur. 10 no.2:29-44 '59.

(HEPATITIS, INFECTIOUS, complications)
(LIVER CIRRHOSIS, etiology)
(NERVOUS SYSTEM, diseases)
(GASTROINTESTINAL DISEASES, etiology)
(CHOLECYSTITIS, etiology)

BRAUNER, R., Prof.; DEMAYO, A., dr.; MIHAI, I., dr; MINCU, I., dr.; BUGUR, N., dr.

Considerations on the post-myocardial-infarct syndrome.
Med. intern., Bucur. 11 no.5:757-762 '60.

1. Incrare efectuata in Clinica medicala, Spitalul "Brincovenesc",
director, prof. R. Brauner.
(MYOCARDIAL INFARCT, complications)